

## Defom 2700

### Defoamer

#### GENERAL INFORMATION

**Defom 2700** is a silicone-free bubble releasing and anti-foaming agent for solvent based or solvent free systems. It is more suitable for epoxy, unsaturated polyester and UV curing coatings.

#### CHEMICAL & PHYSICAL PROPERTIES

|                      |  |
|----------------------|--|
| Composition          | foam destroying polymer<br>silicone-free |
| Appearance           | clear liquid                             |
| Non-volatile content | 10.0 - 11.5 %                            |
| Solvent              | aromatic hydrocarbon<br>solvent          |
| Specific gravity     | ca. 0.87                                 |
| Refractive index     | 1.496 - 1.506 (25 °C)                    |

These are typical properties not to be used for specification purposes.

#### APPLICATIONS

- Epoxy coatings
- Unsaturated polyester coatings
- UV curable coatings

#### KEY PROPERTIES

- In solvent free or high viscosity systems, the entrapped air caused by mechanical forces is difficult to be released. The conventional silicone anti-foamer doesn't perform well in the above mentioned system.
- Is a non-silicone polymer with special interfacial property that initially prevents incorporation of air, therefore, formation of bubble is reduced. In the meantime, it also assists escape and collapse of bubbles to obtain a smooth surface.

- It's shows good compatibility. It is suitable in clear and pigmented coatings.
- To exhibits excellent anti-foaming and bubble releasing effect in solvent based or solvent free epoxy coatings.

#### INCORPORATION

Premix with resins, then adding fillers or reinforcer.

#### LEVELS OF USE

0.1 - 1.0 % based on total formulation.

Casting: 0.05 - 0.2 % based on total formulation.

#### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

#### STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

#### SHELF LIFE

**Defom 2700** has a shelf life of 18 months from date of manufacture.

#### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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#### North America

Elementis  
469 Old Trenton Road  
East Windsor  
NJ 08512, USA  
Tel.: +1 609 443 2500  
Fax: +1 609 443 2422

#### Europe

Elementis UK Ltd.  
c/o Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
Tel.: +49 221 2923 2066  
Fax: +49 221 2923 2011

#### Asia

Deuchem (Shanghai) Chemical Co., Ltd.  
99, Lianyang Road  
Songjiang Industrial Zone  
Shanghai, China 201613  
Tel.: +86 21 5774 0348  
Fax: +86 21 5774 3563